

Serial No. 10/601,030  
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Response After Final Rejection  
February 27, 2006

It is requested that the Claims be amended as follows:

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2 1. (Currently Amended) For use in a system having multiple processors in a  
3 processing node coupled to a memory, a method, comprising:

4 a.) receiving multiple requests for data from the multiple processors;

5 b.) if ones of the multiple requests are requesting the same data, creating  
6 a respective linked list in the processing node to record the ones of the multiple  
7 requests; and

8 c.) issuing one of the requests recorded by each linked list from the  
9 processing node to the memory.

1 2. (Original) The method of Claim 1, wherein each linked list orders requests in  
2 order of receipt, and wherein the issued request is the oldest pending request.

1 3. (Original) The method of Claim 1, wherein the memory issues memory  
2 requests to the multiple processors for the return of data to the memory, and if a  
3 memory request is requesting the same data as requests recorded within a  
4 linked list, adding the memory request to the linked list.

1 4. (Original) The method of Claim 1, and further including:  
2 receiving requested data from the memory;  
3 if the received data was requested by requests recorded in a linked list,  
4 providing the received data to a processor that issued a predetermined one of  
5 the requests included in the linked list;  
6 removing the predetermined request from the linked list; and  
7 processing all requests remaining in the linked list.

1 5. (Original) The method of Claim 4, wherein the predetermined request is the  
2 oldest-pending request in the linked list.